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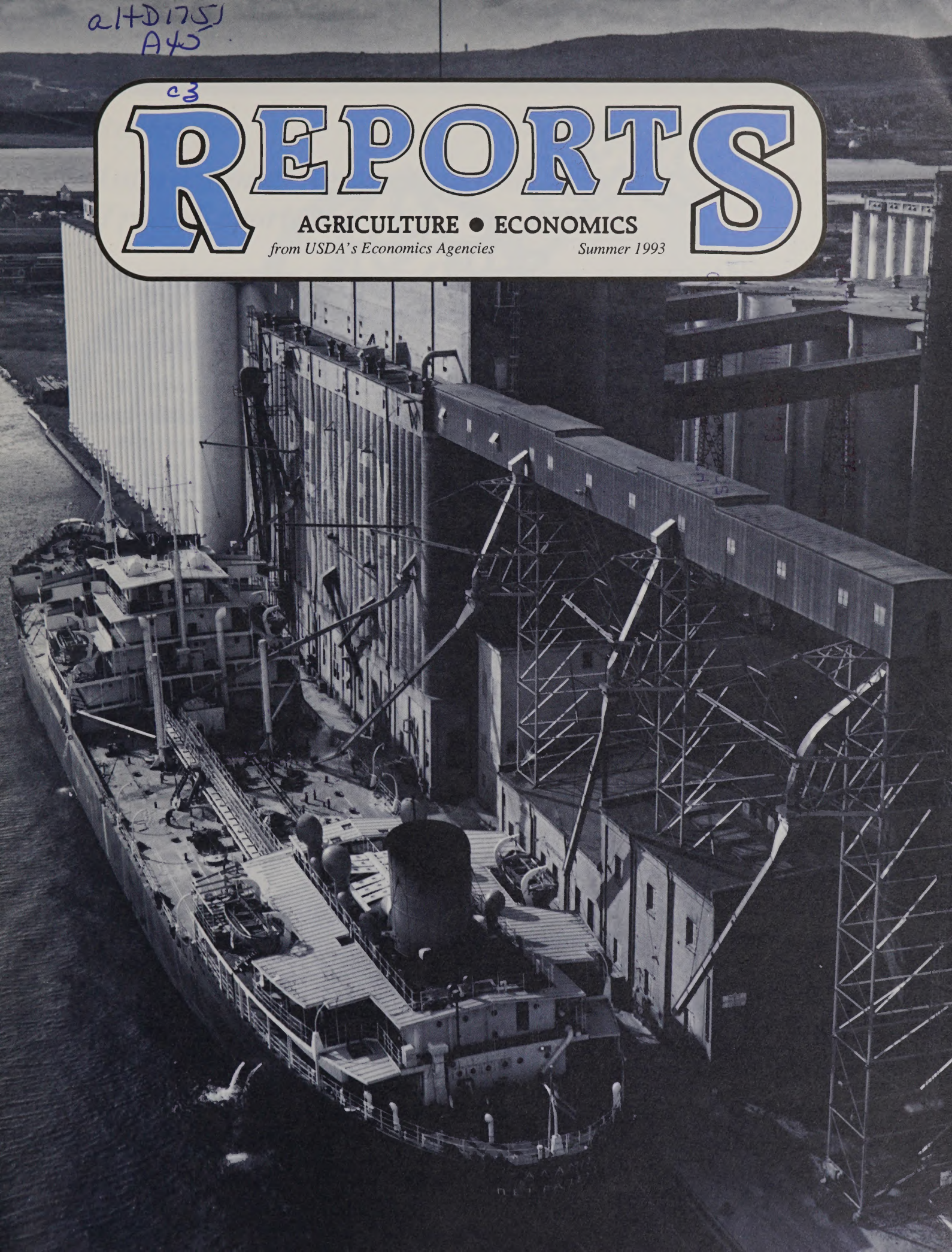
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# REPORTS

AGRICULTURE • ECONOMICS


*from USDA's Economics Agencies*

*Summer 1993*





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## **New Competitiveness Study Links Economics, Policy, Geography, History to Show How Farms Fare Today**

**The Basic Elements of Agricultural  
Competitiveness, in Three Parts:  
Economics and Policy, Geography, History.**  
95 pp. March 1993.

This briefing format booklet explains the basic principles of agricultural competitiveness to give a sense of where the country is headed in world agricultural trade, especially if current conditions and policies remain fixed.

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## **Global Food Assessment**

**Global Food Assessment.**  
83 pp. November 1992.

This report forecasts grain food aid needs for 60 developing countries for 1992/93 and 1993/94. They are doing better but still need much assistance. Selected countries' grain and financial situation are reviewed. The discussion focuses on estimates of the current crops, capacity to import commercially, and aid needed to maintain historical levels of consumption.

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### **Who we are**

This catalog lists the latest monographs available from USDA's economics agencies. Economic Research Service (ERS) situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. National Agricultural Statistics Service (NASS) publications estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. The World Agricultural Outlook Board (WAOB) issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities. To order items in this catalog, call our toll free order desk, **1-800-999-6779**.



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# ERS Periodicals

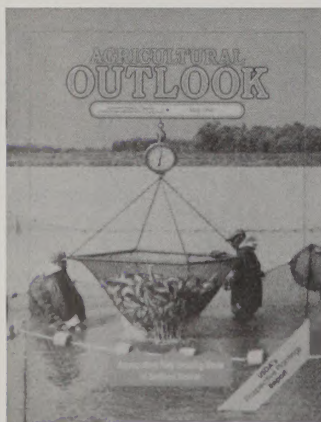
*These periodicals bring you the latest information on food, the farm, and rural America to help keep your expertise up-to-date. Order these periodicals today to get the latest facts, figures, trends, and issues from the Economic Research Service.*

## Agricultural Outlook

The main source for USDA's farm income and food price forecasts. Emphasizes the short-term outlook for all major areas of the agricultural economy. Also presents long-term analyses of such issues as U.S. agricultural policy, trade forecasts and export-market development, food safety, the environment, and farm financial institutions. Includes 25 pages of data on individual commodities, the general economy, U.S. farm trade, farm income, production expenses, input use, prices received and paid by farmers, per capita food consumption, and related issues. 11 issues.

Stock # AGO.

1 yr, \$35 ; 2 yrs, \$68; 3 yrs, \$101

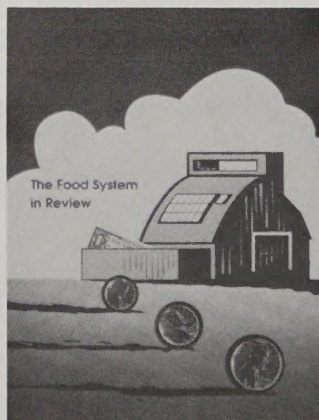


## Food Review

Packed with analyses and data, each issue explores trends and details on domestic and foreign food consumption, food prices, export opportunities, product safety, nutrition, marketing, and processing technology for those who manage, monitor, or depend on the food system. Includes updates on domestic food assistance programs and USDA rulings and Federal legislation affecting food. 3 issues.

Stock # NFR.

1 yr, \$17; 2 yrs, \$32; 3 yrs, \$47

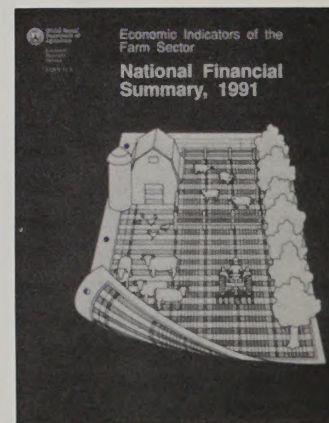


## Economic Indicators of the Farm Sector

Updates economic trends in U.S. agriculture. Explores the economic status of the farm sector and allows the reader to plan and forecast more accurately. Each issue explores a different aspect of the U.S. farm sector: income and expenses, national and State financial summaries, production and efficiency statistics, and costs of production for livestock and dairy and for major field crops. 4 issues.

Stock # ECI.

1 yr, \$19; 2 yrs, \$36; 3 yrs, \$53





## Rural Conditions and Trends

Track rural events on a variety of subjects in this quarterly periodical: national economic trends, employment and under-employment, industrial structure, earnings and income, poverty, and population. Occasional special articles look at topics such as national economic links to rural America and the farm labor force. Quick-read text and sharp graphics will help you get the information you need to know efficiently, effectively. 3 issues.

**Stock # RCA.**

1 yr, \$14; 2 yrs, \$26; 3 yrs, \$38

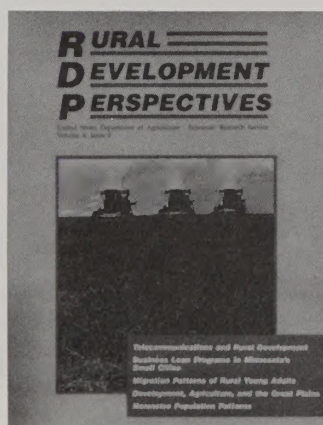


## Rural Development Perspectives

Nontechnical articles on the results of new rural research and what those results mean. Shows the practical application of research in rural banking, aging, housing, the nonmetro labor force, poverty, and the effect of farm policies on rural areas. Besides its feature articles, each issue also brings you: Rural Indicators—geographical snapshots of trends affecting rural communities; Short Subjects—brief synopses of related readings and findings from a wide range of sources, all with a special smalltown slant; and Book Reviews—critical appraisals to keep you abreast of new thinking and theories on rural and smalltown topics. 3 issues.

**Stock # RDP.**

1 yr, \$12; 2 yrs, \$22; 3 yrs, \$32

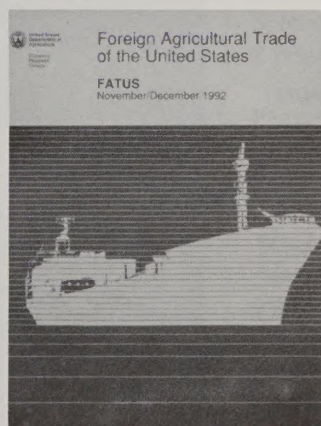


## Foreign Agricultural Trade of the United States

Updates the quantity and value of U.S. farm exports and imports, plus price trends. Concise articles analyze specific aspects of the export/import picture. Keeps readers abreast of how U.S. trade stacks up in a global market. 6 issues, plus 2 supplements.

**Stock # FAT.**

1 yr, \$29; 2 yrs, \$56; 3 yrs, \$83



## The Journal of Agricultural Economics Research

Technical research in agricultural economics, including econometric models and statistics focusing on methods employed and results of USDA economic research. Contains original articles and essays and book reviews of the most recent literature available to the discipline. 4 issues.

**Stock # JAE.**

1 yr, \$16; 2 yrs, \$30; 3 yrs, \$44





# Situation and Outlook Reports

## ***Newest S&O examines industrial uses of agricultural materials***

Published twice a year, *Industrial Uses of Agricultural Materials* will supply relevant economic intelligence to people involved in the research, development, production, processing, marketing, and policy aspects of taking agricultural materials from the farmgate through the industrial marketplace.

The reports will cover agricultural materials in seven categories: starches and carbohydrates, fats and oils, fibers, animal products, forest products, natural plant products, and natural rubber and resins.

Watch for the first issue in July.

## ***Updates give you the facts, fast . . .***

The *Livestock and Poultry Update* and *U.S. Agricultural Trade Update* provide subscribers the most up-to-the-minute ERS data on the livestock-poultry and farm trade sectors. Each month these timely, 6-page updates bring you the most current figures.

The eight *Cotton and Wool Updates* supplement the quarterly issues of *Cotton and Wool Situation and Outlook*.

All updates are mailed first-class to ensure timely delivery.

## ***Commodity reports keep you current . . .***

*Situation and Outlook* commodity reports provide both current intelligence and historical data on national food and agricultural developments, and forecast the effects of changing conditions and policies on domestic and international agriculture. Among those who rely on *Situation and Outlook* reports are farmers and trade associations, agri-industries and financial institutions, Federal, State, and local governments, news media, food service industries, and research and academic facilities. All *Situ-*

*ation and Outlook* reports are mailed first-class to ensure timely delivery.

These reports offer insight into factors affecting land values, production costs, farm finances, world trade, and energy for *Aquaculture, Cotton and Wool, Dairy, Feed, Fruit and Tree Nuts, Livestock and Poultry, Oil Crops, Rice, Sugar and Sweetener, Tobacco, Vegetables and Specialties*, and *Wheat*.

## ***And these titles round out the picture . . .***

*Agricultural Income and Finance* looks at farm income, profitability, government payments, production expenses, debts and assets, and other areas of farm finance.

The *International Agriculture and Trade* series describes the situation and outlook for different regions: *Africa and the Middle East, Asia and the Pacific Rim, China, the Former USSR, Europe, and the Western Hemisphere*. See page 3 for more details. *Outlook for U.S. Agricultural Exports* offers the latest value and volume of U.S. farm exports, by commodity and region, as well as agricultural trade balance, import commodities, and export outlook.

*World Agricultural Supply and Demand Estimates*, issued monthly, provides the most current USDA information on global supply-use balances of major grains, soybeans and products, and cotton, and U.S. supply and use of livestock products.

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| Agricultural Income & Finance (4)                   | AIS     | \$16 | \$30  | \$44  |
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| World Agricultural Supply and Demand Estimates (12) | WASDE   | \$26 | \$50  | \$74  |

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# NASS Periodicals

*The National Agricultural Statistics Service's Agricultural Statistics Board estimates production, stocks, inventories, utilization, and prices of agricultural commodities and other items such as labor, farm numbers, and usage of agricultural chemicals. To subscribe, use the order form or call our order desk toll free 1-800-999-6779.*

## Field Crop Series

**Crop Production.** Lists monthly indicated production by crop, plus five supplements: acreage planted and harvested (June); an annual summary of small grains (September); an annual summary showing acreage, yield, and production data for the previous year and revised for the year before that (January); seeded acreage of winter wheat and rye crops (January); and prospective plantings as of March 1 (March). 12 issues plus 5 supplements. **Order # PCP.** 1 yr, \$45; 2 yrs, \$88; 3 yrs, \$131. **NOTE:** This periodical is also available electronically. See back cover for details.

**Crop Progress.** Lists planting, fruiting, and harvesting progress and overall condition of selected crops in major producing States. Weekly during the growing season, April through November. **Order # PCR.** 1 yr, \$41; 2 yrs, \$80; 3 yrs, \$119. **NOTE:** This periodical is also available electronically. See back cover for details.

**Grain Stocks.** Stocks of major grains. January, March, June, and September. 4 issues. **Order # PGS.** 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$47.

**Peanut Stocks and Processing.** Stocks at end of previous month, plus millings, production, and disappearance of milled products. 12 issues. **Order # PPS.** 1 yr, \$22; 2 yrs, \$42; 3 yrs, \$62.

**Potato Stocks.** Grower, processor, and local dealer storage stocks in fall producing areas, first of the month, by State. 6 issues plus supplement. **Order # PPO.** 1 yr, \$18; 2 yrs, \$34; 3 yrs, \$50.

**Rice Stocks.** Rough and milled rice stocks on and off farms, first of Decem-

ber, March, August, and October by State. 4 issues. **Order # PRS.** 1 yr, \$15; 2 yrs, \$28; 3 yrs, \$41.

**Cotton Ginnings.** Reports cotton ginned to date during August through March at the national, State, and county levels. 13 issues mailed approximately twice per month during the August-March ginning season, plus an annual summary. **Order # PCG.** 1 yr, \$25; 2 yrs, \$48; 3 yrs, \$71.

**Hop Stocks.** Grower, dealer, and brewer stocks March 1 and September 1 for the United States. 2 issues. **Order # PHS.** 1 yr, \$13; 2 yrs, \$24; 3 yrs, \$35.



## Fruit, Nut, and Vegetable Series

**Cherry Production.** Mid-June production forecast for 1993 crop, Great Lakes States. Annual, June. **Order # ZCP.** 1 yr, \$7; 2 yrs, \$12; 3 yrs, \$17.

**Citrus Fruits.** Summary of acreage, yield, production, use, price, and value, 1992-93 crop and revised 1991-92 crop. Annual, September. **Order # ZCF.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Noncitrus Fruits and Nuts.** Mid-year and annual summary of acreage, yield, production, use, price, and value of crop, by State. 2 issues. **Order # PNF.** 1 yr, \$14; 2 yrs, \$26; 3 yrs, \$38.

**Cranberries.** Indicated 1993 production by State; utilization, price, and value for 1991 and 1992 crops, by State. Annual, August. **Order # ZCR.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Hazelnut Production.** Mid-August production forecast for 1993 crop. Annual, August. **Order # ZFP.** 1 yr, \$7; 2 yrs, \$12; 3 yrs, \$17.

**Walnut Production.** Production forecast for California walnuts. Annual, September. **Order # ZWP.** 1 yr, \$7; 2 yrs, \$12; 3 yrs, \$17.

**Pistachio Production.** Late August production forecast. Annual. **Order # ZPP.** 1 yr, \$7; 2 yrs, \$12; 3 yrs, \$17.

**Almond Production.** Late June production forecast. Annual. **Order # ZAL.** 1 yr, \$7; 2 yrs, \$12; 3 yrs, \$17.

**Vegetables.** Monthly production forecasts, preliminary planted area, yield, production, and prices. 5 issues plus annual summary. **Order # PVG.** 1 yr, \$18, 2 yrs, \$34; 3 yrs, \$50.



# More NASS Periodicals

## Livestock Series

**Cattle.** Inventory number and value of all cattle and calves, number by classes, expected calf crop, distribution by size groups and State. 2 issues, plus 12 monthly issues of *Cattle on Feed*, which includes total number on feed, placements, marketings, and other disappearance for selected States. **Order # PCT.** 1 yr, \$22; 2 yrs, \$42; 3 yrs, \$62.

**Hogs and Pigs.** Inventory and value and number by class, farrowings and pig crop, breeding intentions, number of operations keeping hogs, and percent of hog operations by size groups. 4 issues. **Order # PHP.** 1 yr, \$15; 2 yrs, \$28; 3 yrs, \$41.

**Livestock Slaughter.** Number of head and liveweight of cattle, calves, sheep and lambs, and hogs slaughtered in commercial plants, by State. Red meat production by species. 12 issues plus summary. **Order # PLS.** 1 yr, \$27; 2 yrs, \$52; 3 yrs, \$77.

**Meat Animals: Production, Disposition, and Income.** Estimates of cattle, calves, hogs, and sheep and lambs, by State. Annual, April. **Order # ZMA,** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Sheep and Goats.** Inventory, value, and number, by State. January 1 angora goat inventory and value for Arizona, Michigan, New Mexico, Oklahoma, and Texas only. All goat inventory and value for Texas only. Lamb crop by State. Number of operations keeping sheep. Annual, February, plus *Wool and Mohair* and *Sheep and Lambs on Feed*. **Order # ZSG.** 1 yr, \$18; 2 yrs, \$34; 3 yrs, \$50.

## Poultry Series

**Egg Products.** Production of liquid, frozen, and dried egg products, under Federal inspection, by class and utilization. 12 issues. **Order # PEP.** 1 yr, \$21; 2 yrs, \$40; 3 yrs, \$59.

**Eggs, Chickens, and Turkeys.** Number of layers, eggs per 100 layers, total eggs produced, broiler and egg-type chicks hatched, and number of eggs in incubators; number of turkey poult placed; number of broiler-type pullet chicks. 12 issues, plus copies of *Hatchery Production* annual, *Layers and Egg Production* annual, *Poultry Production and Value*, and *Turkeys*. **Order # PEC.** 1 yr, \$35; 2 yrs, \$68; 3 yrs, \$101.

**Broiler Hatchery.** Number of broiler chicks placed and broiler-type eggs set in incubators during the previous week

in the 15 major broiler-producing States. Weekly. **Order # PBH.** 1 yr, \$52; 2 yrs, \$102; 3 yrs, \$152. **NOTE:** This periodical is also available electronically. See back cover for details.

**Turkey Hatchery.** Number of poult placed, number of eggs in incubators. 12 issues. **Order # PTH.** 1 yr, \$21; 2 yrs, \$40; 3 yrs, \$59.

**Poultry Slaughter.** Number of head and pounds slaughtered under Federal inspection by class, and estimated total poultry slaughtered. 12 issues. **Order # PPY.** 1 yr, \$22; 2 yrs, \$42; 3 yrs, \$62.

## Dairy Series

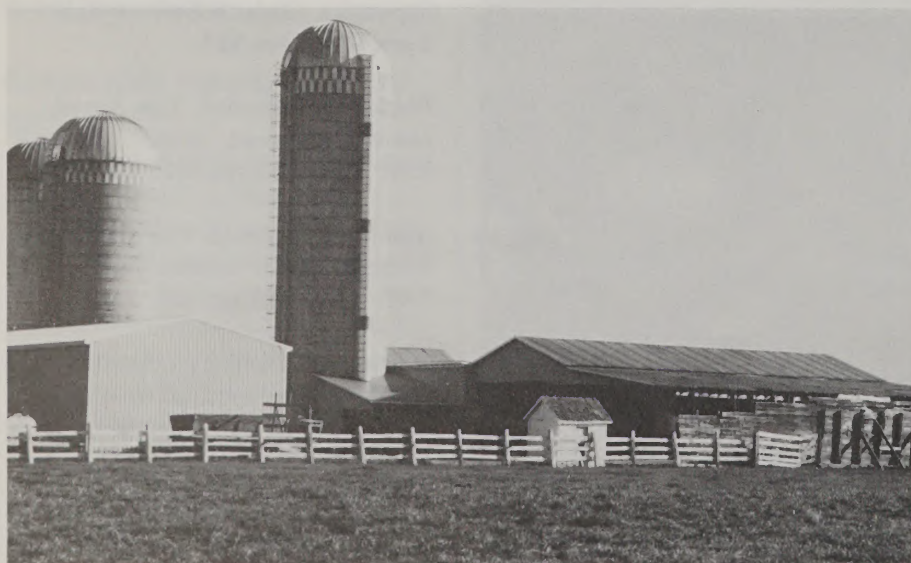
**Dairy Products.** Production of butter, cheese, frozen products, evaporated, condensed, and dry milk and whey products. Shipments, stocks, and prices of dry milk and whey products. 12 issues plus summary. **Order # PDP.** 1 yr, \$25, 2 yrs, \$48; 3 yrs, \$71.

**Milk Production.** Number of milk cows, production per cow, and total milk production. 12 issues plus copy of *Milk Production, Disposition, and Income*. **Order # PMP.** 1 yr, \$22; 2 yrs, \$42; 3 yrs, \$62.

## Prices and Expenditures Series

**Agricultural Prices.** Monthly prices received by farmers for principal crops; livestock and livestock products; index numbers of prices received by farmers; feed price ratios; index of prices paid by farmers and parity prices. 12 issues. **Order # PAP.** 1 yr, \$28; 2 yrs, \$54; 3 yrs, \$80. **NOTE:** This periodical is also available electronically. See back cover for details.

**Agricultural Prices Annual.** Summary of indexes of prices received and paid by farmers; prices for farm commodities and prices paid for production items, by State. Annual, July. **Order # ZAP.** \$1 yr, \$12; 2 yrs, \$22; 3 yrs, \$32.





**Crop Values.** Season average prices and value of production of principal crops, including revised data for previous year. Note: State estimates for fruits and nuts included in *Noncitrus Fruits and Nuts Annual*. Annual, January. **Order # ZCV.** 1 yr, \$11; 2 yrs, \$20; 3 yrs, \$29.

**Farm Production Expenditures.** Results of the farm production expenditure survey, by production region and economic class. 2 issues. **Order #PFP.** 1 yr, \$14; 2 yrs, \$26; 3 yrs, \$38.

**Prices Received, Minnesota-Wisconsin Manufacturing Grade Milk.** Minnesota-Wisconsin grade milk price series and final two-State estimates. Annual, June. **Order # ZPR.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

### Other Series

**Agricultural Chemical Usage.** Mailed twice a year, the March issue, *Field Crops*, shows chemical application rates and acres treated, by State and the United States, for corn, cotton, potatoes, rice, soybeans, and wheat; the June issue alternates annually from *Fruits and Nuts* to *Vegetables*. Each shows chemical application rates and acres treated for selected commodities in major producing States. **Order # PCU.** 1 yr, \$17; 2 yrs, \$32; 3 yrs, \$47.

**Catfish Processing.** Processors' monthly reports on farm-raised catfish. Roundweight purchased, prices paid, inventory, quantity sold, and price. 12 issues plus 4 *Catfish Production* (includes grower inventory numbers by size groups, and some sales and cost of production data). **Order # PCF.** 1 yr, \$25; 2 yrs, \$48; 3 yrs, \$71.

**Cold Storage.** End-of-month stocks of meat, dairy and poultry products, fruits, nuts, and vegetables. 12 issues plus summary and *Capacity of Refrigerated Warehouses*. **Order # PCS.** 1 yr, \$27; 2 yrs, \$52; 3 yrs, \$77.



**Farm Numbers and Land in Farms.** Number of farms in operation, and average size (acreage) of farms, individual States and U.S. totals. Sales class estimates for number of farms, land in farms, and average size of farms for U.S. and selected States. Annual, July. **Order # ZFL.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Farm Labor.** Regional and national data for unpaid, hired, and self-employed workers and wage rates. Annual average wage rates for hired workers are published in November. 4 issues. **Order # PFL.** 1 yr, \$15; 2 yrs, \$28; 3 yrs, \$41.

**Floriculture Crops.** Area of production and sales of cut flowers, flowering potted plants, foliage, bedding/garden plants, cut cultivated greens, and special Hawaiian crops. Annual, April. **Order # ZFC.** 1 yr, \$12; 2 yrs, \$22; 3 yrs, \$32.

**Honey.** Annual report of number of colonies of bees, honey production, price, and value, and honey stocks as of December 15, by State. Annual, February. **Order # ZHO.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Mink.** Number of mink pelts produced during the marketing year, number of females bred to produce pelts, number of mink farms, average marketing price per pelt, and value of pelts produced. Annual, July. **Order # ZMI.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Mushrooms.** Area, production, price, and value, by variety, all producing States, utilization, and intentions for coming year. Annual, August. **Order # ZMU.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.

**Trout Production.** Grower sales and cost of production for selected States. Annual, October. **Order # ZTP.** 1 yr, \$10; 2 yrs, \$18; 3 yrs, \$26.



# New Monographs from ERS

**The U.S. Enterprise for the Americas Initiative: Support for Western Hemisphere Economic and Trade Reform**, by Kenneth Forsythe and Liana Neff. 27 pp. April 1993.

Economic and trade reforms are the focus of Western Hemisphere countries under the U.S. Enterprise for the Americas Initiative (EAI). The EAI proposes three goals: liberalizing trade, reducing debt owed to the United States by less developed countries (LDC's), and increasing foreign investment in LDC's. No longer following protectionist import-substitution policies, regional and subregional groups of countries are promoting unilateral reductions in trade barriers and greater international interaction by their members.

**Stock # AIB-660 \$9.00**

**CAP Reform: A New Era for EC Agriculture**, by Mary Lisa Madell. 12 pp. June 1993.

The European Community's reform of its Common Agricultural Policy will alter EC production, consumption, and trade of most major commodities beginning in the 1993/94 marketing year. Unlike previous reforms in the CAP's 30-year history, this program significantly changes the policy tools used to support farms.

**Stock # AIB-674 \$6.00**

**Agricultural Policies and Performance in Central and Eastern Europe, 1989-92**, by Nancy J. Cochrane and others. 72 pp. February 1993.

Central and Eastern European agriculture changed dramatically in the past 3 years with the introduction of market pricing, open borders, and increased freedom of entry and exit for firms. The upside: post-reform surpluses rather than the usual tight supplies or outright shortages. The downside: poor farm financial performance under new terms of trade; unresolved land and asset ownership issues; depressed demand because of rise in consumer prices.

**Stock # FAER-247 \$12.00**

**The Role of Stocks in World Grain Market Stability**, by Jerry Sharples and Steve Martinez. 19 pp. April 1993.

Over the past 12 years, world grain stocks, mainly those of the United States, the European Community, Canada, and India, have helped to stabilize supplies and to reduce the variability of world grain prices. That finding suggests that economists should examine the implications of future reductions in grain stocks, the possible result of policy changes and trade liberalization.

**Stock # FAER-248 \$9.00**

**Sugar and Corn Sweetener: Changing Demand and Trade in Mexico, Canada, and the United States**, by Peter Buzzanell and Ron Lord. 12 pp. April 1993.

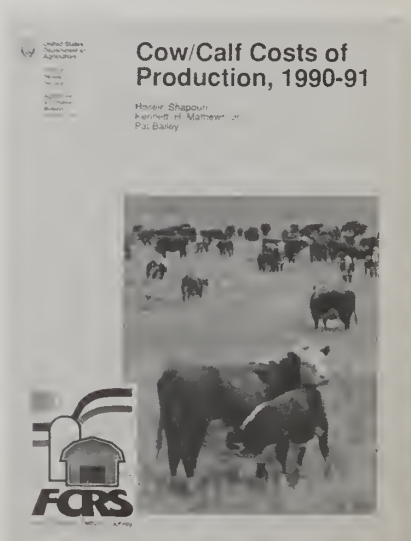
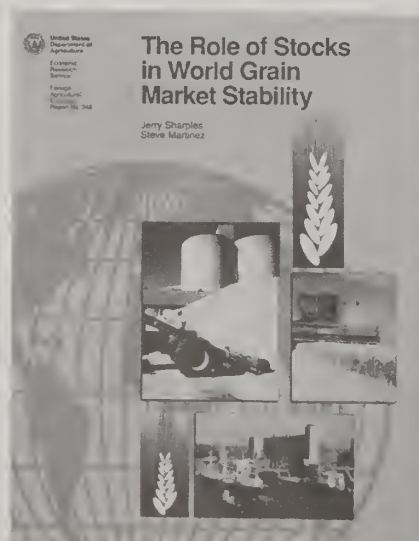
The trade flows in sugar and high-fructose corn sweetener (HFCS) between Mexico, Canada, and the United States consist mainly of U.S. exports of refined sugar to Mexico, U.S.-Canadian two-way trade in sugar and HFCS, and recent growth in U.S. HFCS exports to Mexico. In 1980-92 sugar trade, Canadian imports held steady, U.S. imports fell, and Mexico switched from being a net exporter to a net importer.

**Stock # AIB-655 \$6.00**

**Cow-Calf Costs of Production, 1990-91**, by Hosein Shapouri, Kenneth H. Mathews, Jr., and Pat Bailey. 24 pp. May 1993.

Finds that net returns after both cash and economic costs improved for cow/calf producers in 1990 and 1991. Cash receipts were the highest ever in nominal terms. Feed costs constituted 26-38 percent of total cash costs.

**Stock # AIB-670 \$9.00**





**Changes in the Red Meat and Poultry Industries: Their Effect on Nonmetro Employment**, by Dennis M. Brown. 24 pp. March 1993.

This report explores growth in the red meat and poultry industries and how it will affect employment in nonmetro America. Growth in the red meat packing and poultry processing industries will probably expand, but only in the areas where they already have a presence: the Plains States and Corn Belt for red meat and the Delmarva Peninsula, Southeast, Arkansas, and Texas for poultry. Because of greater labor intensity in poultry processing, the local employment effect of a change in final demand for meat products is larger for areas specializing in the poultry industry than in the red meat industry.

**Stock # AER-665 \$9.00**

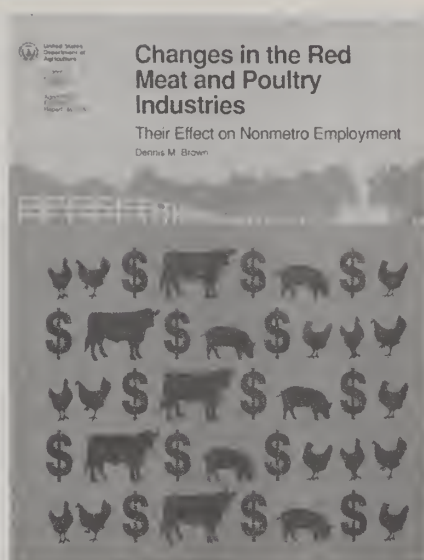
**An Evaluation of Fluid Milk and Cheese Advertising**, by Theresa Y. Sun and James R. Blaylock. 36 pp. February 1993.

Increased spending on advertising boosted fluid milk sales by 5 percent (about 7.5 billion pounds) during September 1984-September 1991. Sales of natural cheese consumed at home rose by about 25 million pounds, and processed cheese sales rose by about 290 million pounds in the period because of increased generic advertising. An assessment of 15 cents per hundredweight of milk sold commercially, mandated by the Dairy and Tobacco Adjustment Act of 1983, funded the increased advertising.

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**Characteristics and Production Costs of U.S. Grain Sorghum Farms, 1990**, John E. Jinkins and William D. McBride. 19 pp. February 1993.

U.S. farmers produced 573 million bushels of grain sorghum on 9.1 million acres in 1990. More than 75 percent of output was centered in the Central and Southern Plains. The average cost of producing grain sorghum on surveyed farms was \$71.30 in variable cash expenses per acre, about



\$1.26 per bushel. About 57 percent of surveyed farms produced 70 percent of the total harvest at or below that average cost.

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**Farm Business Balance Sheet, 1960-91: United States and by State**, by Kenneth Erickson and others. 228 pp. May 1993.

This report furnishes the latest farm business balance sheet estimates developed by ERS. These estimates incorporate numerous revisions in estimating procedures and changes in available data. National and State-level estimates of assets, debt, and equity are presented for 1960-91.

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**Using Cash, Futures, and Options Contracts in the Farm Business**, by Richard G. Heifner, Bruce H. Wright, and Gerald E. Plato. 42 pp. April 1993.

Shows that contracting enables farmers to reduce income uncertainty by assuring prices and outlets for their crops and livestock before the products are actually delivered. For example, a commodity options contract can be used to set approximate lower or upper bounds on prices for commodities to be sold or bought later. The farmer's choice of

contracts depends on the commodities produced or used as inputs, and the farmer's financial situation and risk preferences.

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**An Alternative for Reducing Federal Crop Insurance Program Losses**, by Joseph Glauber and others. 28 pp. May 1993.

The Federal Crop Insurance Program saw indemnities exceed premiums by \$2.5 billion in the 1980's, a decade of widespread drought and rapid growth in insurance participation. This excess loss, after years of mostly small surpluses, reveals a wide variation in performance among crops and regions. More than half the excess losses were for soybeans, mainly in Mississippi, Louisiana, Arkansas, and Georgia, and for wheat, mostly in North Dakota and Montana. This report describes an alternative crop insurance program with payments based on yield losses in a geographic area rather than those experienced by individual producers, which may help reduce excess losses. Such a pilot program is being tested for soybeans.

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**Limited Opportunity Farm Households in 1988**, by Janet E. Perry and Mary C. Ahearn. 12 pp. February 1993.

A 1988 survey revealed that more than 200,000 farm operator households had limited economic opportunities. These households were small farms officially below the poverty threshold because of low human capital, generally older operators, or operators with less formal education. Farm policies that focus on agricultural production or off-farm job development are of limited help to these households.

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**The Economic Well-Being of Farm Operator Households, 1988-90**, by Mary Ahearn, Janet Perry, and Hisham El-Osta. 173 pp. January 1993.

In inaugurating a new USDA farm household income series, this report, based on household data from the Farm Costs and Returns Survey, describes the characteristics of farm operator households, their farm businesses, and their sources of off-farm income. The average farm household now has an income comparable to that for all households, although well-being varies significantly. About 90 percent of farm operator households received income from off-farm sources.

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**Characteristics of Large-Scale Farms, 1987**, by Donn A. Reimund and Judith Z. Kalbacher. 24 pp. April 1993.

Uses 1987 data (the most recent available) and earlier Census of Agriculture data to summarize the major structural and financial characteristics of large-scale farms. Although the total number of farms in the United States declined during 1982-87, large-scale farms (annual sales of \$500,000 or more) increased in both absolute numbers and as a percentage of all farms.

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**The Farm Entrepreneurial Population, 1988-90**, by Margaret A. Butler. 33 pp. February 1993.

This report analyzes census data on income, education, and other characteristics of the farm entrepreneurial group. About 5.7 million people lived in households tied to a farm business in 1990, compared with almost 4.6 million in the farm population as conventionally defined by place of residence. The farm entrepreneurial population includes people who derive all or part of their livelihood from farm operations but do not necessarily live on a farm.

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**Changes in Farm and Farm-Related Employment, 1975-89**, by T. Alexander Majchrowicz and Jacqueline Salsgiver. 30 pp. April 1993.

Farm and farm-related employment rose by 5.1 million jobs during 1975-89, but most of the growth was in off-farm agricultural wholesale and retail trade. Onfarm production jobs dropped by 780,000, continuing the long-term decline fueled by new technology replacing labor and periods of unfavorable farm economic conditions. Farm production accounted for less than 14 percent (3.2 million in 1989) of the 23 million U.S. farm and farm-related jobs, which include businesses that provide farm inputs and process or sell agricultural goods.

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**Farm Real Estate: Historical Series Data, 1950-92**, John Jones and Patrick N. Canning. 68 pp. May 1993.

Farmland value increased an average 2.4 percent per year during 1987-92, compared with an annual decline of 6.6 percent during 1981-86. Area in farmland has fallen every year since 1954, from 1.2 billion acres to 977 million acres in 1992. The number of farms has dropped every year since 1950, from 5.6 million to 2.1 million in 1992.

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**Foreign Ownership of U.S. Agricultural Land Through December 31, 1992**, by J. Peter DeBraal. 60 pp. May 1993.

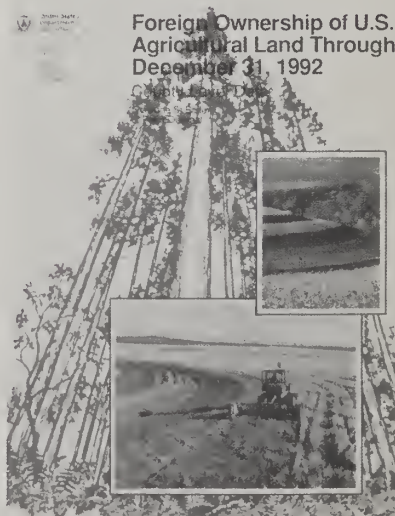
Finds that foreigners owned 14.5 million acres of U.S. agricultural land as of December 31, 1992, slightly more than 1 percent of all privately held agricultural land and 0.65 percent of all U.S. land.

**Stock # SB-853 \$9.00**

**Foreign Ownership of U.S. Agricultural Land Through December 31, 1992: County-Level Data**, by Margaret Butler and J. Peter DeBraal. 136 pp. May 1993.

Shows that the 14.5 million acres of foreign-owned U.S. agricultural land resided in 1,921 of the 3,041 counties. Data are presented for each county to show the number of acres and parcels, value, country of origin, and use of foreign-owned agricultural land.

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**The Family Support Act: Will It Work in Rural Areas?** ed. by Robert A. Hoppe. 225 pp. April 1993.

The Family Support Act (FSA) is major welfare reform legislation that focuses on the Aid to Families with Dependent Children (AFDC) program. The FSA requires States to set up a Job Opportunities and Basic Skills Training program to help families leave AFDC through education, training, and employment; requires stricter enforcement of child-support orders; and extends AFDC to married-couple families with an unemployed parent. Although the FSA should help some rural families escape the welfare rolls, it is not a cure-all for poverty. The FSA's ultimate success will depend on State and local abilities to implement the program.  
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**Agricultural and Rural Economic and Social Indicators**, compiled by Edward Reinsel. 61 pp. March 1993.

This guide provides descriptions and illustrative samples of available statistics from the agricultural and rural economic and social indicators published by ERS. Users will learn what the statistics measure, when and where the information is published, whether the data are available in electronic form, and whom to contact for more information.  
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**Ethanol and Agriculture: Effect of Increased Production on Crop and Livestock Sectors**, by Robert House and others. 16 pp. May 1993.

Finds that expanded ethanol production (5 billion gallons by the year 2000), up from a projected 1.2 billion gallons for that year, would increase U.S. farm income by as much as \$1 billion per year and dampen oil imports. Corn growers, who harvest the primary feedstock for ethanol, would benefit most from improved technology and increased demand. Products like corn gluten meal and gluten feed left over from the ethanol conversion process, however, compete with soybean meal, so soybean growers in the South may see revenues drop.

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**Emerging Technologies in Ethanol Production**, by Neil Hohmann and C. Matthew Rendleman. 17 pp. January 1993.

The fuel ethanol industry is poised to adopt a wide range of technologies that would reduce costs at every stage of production. This report examines the likelihood of near- and long-term cost reductions in producing ethanol, as well as the potential of biomass (agricultural residues, municipal and yard waste, energy crops like switchgrass) to supplement corn as an ethanol feedstock. Growing consumer acceptance of ethanol-blended fuels, incentives to gasoline blenders, and falling costs of production ignited a jump in ethanol production from insignificance in 1977 to 900 million gallons in 1991.

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**Optimal Cost-Sharing Programs to Reduce Agricultural Pollution**, by Arun S. Malik and Robbin A. Shoemaker. 18 pp. June 1993.

This report examines the problem of designing economically efficient cost-sharing programs.

**TB-1820 \$9.00**

**Estimation of Aggregate U.S. Demands for Fertilizer, Pesticides, and Other Inputs: A Model for Policy Analysis**, by C. Matthew Rendleman. 28 pp. March 1993.

Presents elasticity estimates of substitution that are consistent both with data on input use and with the assumptions of commonly used CGE models. One way to meet environmental goals like water quality improvement is to restrict inputs, such as cutting fertilizer or pesticide use. The report ends with a partial equilibrium analysis of a 10-percent fertilizer charge and a 10-percent pesticide charge.

**Stock # TB-1813 \$9.00**

**Demand and Substitution of Agricultural Inputs in the Central Corn Belt States**, by Jorge Fernandez-Cornejo. 27 pp. February 1993.

This study estimates shortrun and long-run elasticities for agricultural inputs, along with elasticities of substitution, using a theoretically consistent restricted profit function and a series of decomposition equations. Producers' responsiveness to price changes of fertilizer and pesticides is very small in the short run and moderate in the long run.

**Stock # TB-1816 \$9.00**

**Food Costs . . . From Farm to Retail in 1992**, by Denis Dunham. 12 pp. April 1993.

Analyzes food cost changes and explores how the food dollar is distributed among farmers, food processors, and marketers. Large food supplies and softened demand slowed the rise in retail food prices in 1992 to an average 1.2 percent above 1991 prices, less than half the 1991 increase. Prices increased slightly in grocery stores, by 0.7 percent, and in restaurants, by 2 percent.

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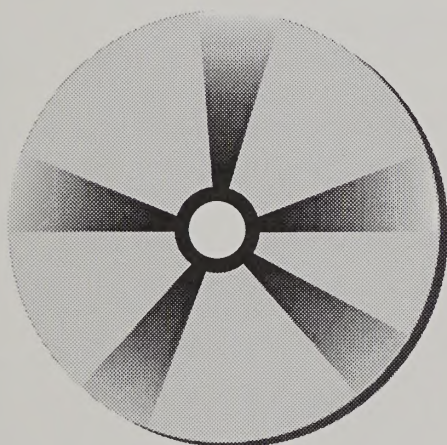
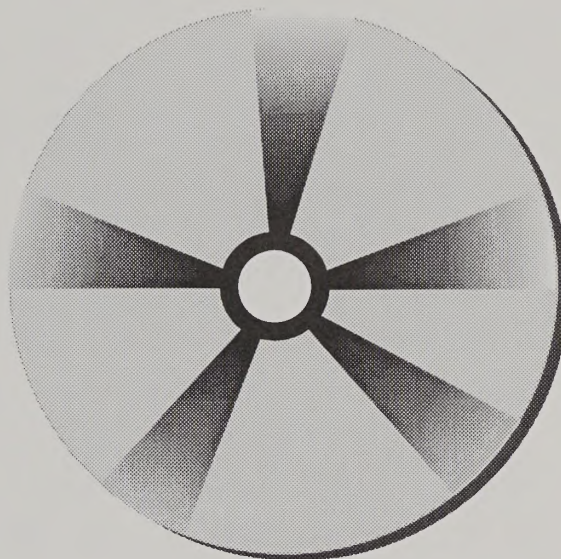
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